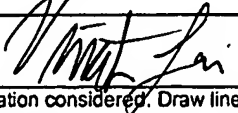


Substitute Form PTO-1449 (Modified) DEC 06 2004 (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10559-304US1	Application No. 10/069,195
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Gilbert Wolrich et al.		Filing Date November 7, 2002	Group Art Unit 218

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
W	AA	09/473,571	12/28/1999	Wolrich et al.			
W	AB	09/475,614	12/30/1999	Wolrich et al.			
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	AD						
	AE						
	AF						
	AG						
	AH						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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W	AI	WO 01/16697	03/2001	WIPO				
W	AJ	WO 01/16698	03/2001	WIPO				
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W	AP	WO 01/16716	03/2001	WIPO				
W	AQ	WO 01/16758	03/2001	WIPO				
W	AR	WO 01/18646	03/2001	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AS	
	AT	
	AU	

Examiner Signature 	Date Considered 6-20-06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-304US1	Application No. 10/069,195
<b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) 37 CFR § 1.902(a)		Applicant Gilbert Wolrich et al.	
		Filing Date February 21, 2002	Group Art Unit 2154

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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W	AA	WO 01/50679	07/12/2001	WIPO				
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W	AL	WO 01/15718	03/08/2001	WIPO				
W	AM	WO 97/38372	10/16/1997	WIPO				
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W	AO	EP 0 809 180	11/26/1997	Europe				
W	AP	EP 0 745 933	12/04/1996	Europe				
W	AQ	EP 0 633 678	01/11/1995	Europe				
W	AR	EP 0 464 715	01/08/1992	Europe				
W	AS	EP 0 379 709	08/01/1990	Europe				
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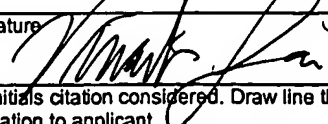
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W	AU	Agarwal et al., "April: A Processor Architecture for Multiprocessing," Proceedings of the 17 <sup>th</sup> Annual International Symposium on Computer Architecture, IEEE, pp. 104-114.
W	AV	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
W	AW	Chang et al., "A New Mechanism For Improving Branch Predictor Performance," IEEE, pp. 22-31 (1994).

Examiner Signature 	Date Considered 6-20-06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) JUN 09 2004 PTO-CFR \$1.98	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-304US1	Application No. 10/069,195
		Applicant Gilbert Wolrich et al.	
		Filing Date February 21, 2002	Group Art Unit 2154

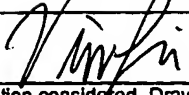
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W	AX	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 <sup>nd</sup> ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.
W	AY	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
W	AZ	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
W	AAA	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
W	ABB	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
W	ACC	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 <sup>th</sup> Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.
W	ADD	Hennessy et al., "Computer Organization and Design: The Hardware/Software Interface," Morgan Kaufman Publishers, pp. 476-482 (1998).
W	AEE	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
W	AFF	Intel, "1A-64 Application Developer's Architecture Guide," Rev.1.0, May 1999, pp. 2-2, 4-29 to 4-31, 7-116 to 7-118 and c-21.
W	AGG	Keckler et al., "Exploiting fine grain thread level parallelism on the MIT multi-ALU processor," IEEE, June 1998.
W	AHH	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.
W	AII	Mendelson et al., "Design Alternatives of Multithreaded Architecture," <i>International Journal of Parallel Programming</i> , vol. 27, no. 3, Plenum Press, New York, USA, June 1999, pp. 161-193.
W	AJJ	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," ICCD '92 Proceedings, IEEE 1992 International Conference, 1992, pp. 385-398.
W	AKK	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
W	ALL	Thistle et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
W	AMM	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 <sup>th</sup> Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
W	ANN	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 <sup>th</sup> Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1998.
W	AOO	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
W	APP	Vibhatavani et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
W	AQQ	Wadler, "The Concatenate Vanishes," University of Glasgow, December 1987 (revised November 1989), pp. 1-7.
W	ARR	Waldspurger et al., "Register Relocation: Flexible Contents for Multithreading," Proceedings of the 20 <sup>th</sup> Annual International Symposium on Computer Architecture, 1993, pp. 120-130.

Examiner Signature 	Date Considered 6-20-06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitution Form PTO-1449 (Modified) <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) JUN 09 2004 PTO-1449 \$1.98/1000	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-304US1	Application No. 10/069,195
		Applicant Gilbert Wolrich et al.	
		Filing Date February 21, 2002	Group Art Unit 2154

Other Documents (include Author, Title, Date, and Place of Publication)		
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W	ASS	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.

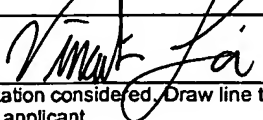
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-304US1	Application No.
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Gilbert Wolrich et al.	
(37 CFR §1.98(b))		Filing Date February 21, 2002	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
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✓	AB	4,777,587	10/11/1988	Case et al.			
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Foreign Patent Documents or Published Foreign Patent Applications								
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Other Documents (include Author, Title, Date, and Place of Publication)		
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>BRANCH INSTRUCTION FOR PROCESSOR</b>																																																																																																																																																																						
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Signature

*Vincent La*

Examiner Name	Date
<i>Vincent La</i>	6-20-06

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>BRANCH INSTRUCTION FOR PROCESSOR</b>
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Application Number : 10/069195  
 Confirmation Number: 1605  
 First Named Applicant: Gilbert Wolrich  
 Attorney Docket Number: 10559-304US1



Art Unit:

Examiner:

Search string: ( 5937187 or 5938736 or 5940612 or 5940866 or 5946487 or 5948081 or 5951679 or 5958031 or 5961628 or 5970013 or 5978838 or 5983274 or 5996068 or 6002881 or 6009515 or 6012151 or 6014729 or 6023742 or 6029228 or 6058168 or 6058465 or 6067585 or 6070231 or 6072781 or 6073215 or 6076158 or 6079008 or 6079014 or 6085215 or 6085294 or 6092127 or 6092158 or 6092175 or 6112016 or 6115811 or 6134665 or 6141689 or 6141765 or 6144669 or 6145054 or 6157955 or 6160562 or 6182177 or 6195676 or 6199133 or 6201807 or 6212542 or 6212611 or 6216220 or 6223207 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

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Signature


*Vincent Lai*

Examiner Name	Date
VINCENT LAI	6-20-06

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Title of Invention	BRANCH INSTRUCTION FOR PROCESSOR																																																																																																																																																						
<p>Application Number :            10/069195</p> <p>Confirmation Number:           1605</p> <p>First Named Applicant:        Gilbert Wolrich</p> <p>Attorney Docket Number:      10559-304US1</p> <p>Art Unit:</p> <p>Examiner:</p> <p>Search string:                    ( 5568617 or 5574922 or 5574939 or 5592622 or 5606676 or 5613071 or 5613136 or 5623489 or 5627829 or 5630130 or 5644623 or 5649157 or 5659722 or 5680641 or 5689566 or 5692167 or 5699537 or 5717898 or 5721870 or 5742587 or 5742782 or 5742822 or 5745913 or 5751987 or 5761507 or 5761522 or 5781774 or 5784649 or 5784712 or 5796413 or 5797043 or 5809235 or 5809530 or 5812839 or 5812868 or 5828746 or 5828863 or 5832215 or 5835755 or 5854922 or 5860158 or 5886992 or 5887134 or 5890208 or 5892979 or 5905876 or 5905889 or 5915123 or 5933627 or 5659687 ).pn</p>																																																																																																																																																							
<p><b>US Patent Documents</b></p> <p><b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">init</th> <th style="width: 10%;">Cite.No.</th> <th style="width: 15%;">Patent No.</th> <th style="width: 15%;">Date</th> <th style="width: 20%;">Patentee</th> <th style="width: 5%;">Kind</th> <th style="width: 10%;">Class</th> <th style="width: 10%;">Subclass</th> </tr> </thead> <tbody> <tr><td>✓</td><td>1</td><td>5568617</td><td>1996-10-22</td><td>Kametani</td><td></td><td></td><td></td></tr> <tr><td></td><td>2</td><td>5574922</td><td>1996-11-12</td><td>James</td><td></td><td></td><td></td></tr> <tr><td></td><td>3</td><td>5574939</td><td>1996-11-12</td><td>Keckler et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>4</td><td>5592622</td><td>1997-01-07</td><td>Isfeld et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>5</td><td>5606676</td><td>1997-02-25</td><td>Grochowski et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>6</td><td>5613071</td><td>1997-03-18</td><td>Rankin et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>7</td><td>5613136</td><td>1997-03-18</td><td>Casavant et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>8</td><td>5623489</td><td>1997-04-22</td><td>Cotton et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>9</td><td>5627829</td><td>1997-05-06</td><td>Gleeson et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>10</td><td>5630130</td><td>1997-05-13</td><td>Perotto et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>11</td><td>5644623</td><td>1997-07-01</td><td>Gulledge</td><td></td><td></td><td></td></tr> <tr><td></td><td>12</td><td>5649157</td><td>1997-07-15</td><td>Williams</td><td></td><td></td><td></td></tr> <tr><td></td><td>13</td><td>5659722</td><td>1997-08-19</td><td>Blaner et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>14</td><td>5680641</td><td>1997-10-21</td><td>Sidman</td><td></td><td></td><td></td></tr> <tr><td></td><td>15</td><td>5689566</td><td>1997-11-18</td><td>Nguyen</td><td></td><td></td><td></td></tr> <tr><td></td><td>16</td><td>5692167</td><td>1997-11-25</td><td>Grochowski et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>17</td><td>5699537</td><td>1997-12-16</td><td>Sharangpani et al.</td><td></td><td></td><td></td></tr> </tbody> </table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	✓	1	5568617	1996-10-22	Kametani					2	5574922	1996-11-12	James					3	5574939	1996-11-12	Keckler et al.					4	5592622	1997-01-07	Isfeld et al.					5	5606676	1997-02-25	Grochowski et al.					6	5613071	1997-03-18	Rankin et al.					7	5613136	1997-03-18	Casavant et al.					8	5623489	1997-04-22	Cotton et al.					9	5627829	1997-05-06	Gleeson et al.					10	5630130	1997-05-13	Perotto et al.					11	5644623	1997-07-01	Gulledge					12	5649157	1997-07-15	Williams					13	5659722	1997-08-19	Blaner et al.					14	5680641	1997-10-21	Sidman					15	5689566	1997-11-18	Nguyen					16	5692167	1997-11-25	Grochowski et al.					17	5699537	1997-12-16	Sharangpani et al.			
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Signature

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Examiner Name	Date
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Application Number : 10/069195  
Confirmation Number: 1605  
First Named Applicant: Gilbert Wolrich  
Attorney Docket Number: 10559-304US1



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Search string: ( 3373408 or 3478322 or 3792441 or 3913074 or 3940745 or 4130890 or 4392758 or 4400770 or 4514807 or 4523272 or 4724521 or 4745544 or 4777587 or 4866664 or 5073864 or 5140685 or 5142683 or 5155831 or 5155854 or 5168555 or 5173897 or 5255239 or 5263169 or 5347648 or 5357617 or 5367678 or 5390329 or 5392391 or 5392411 or 5392412 or 5404464 or 5404482 or 5428809 or 5432918 or 5442756 or 5448702 or 5450351 or 5452437 or 5459842 or 5463625 or 5467452 or 5481683 or 5487159 or 5517628 or 5517648 or 5542070 or 5542088 or 5544236 or 5550816 or 5557766 or 20020053017 or 20020056037 or 20030041228 or 20030145159 or 20030191866 or 20040039895 or 20040054880 or 20040071152 or 20040073728 or 20040073778 or 20040098496 or 20040109369 or 20040205747 ).pn

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**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

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Signature

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